

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BO WANG)
)
ATTY DKT NO: 5644 413451/030)
)
FILED: MARCH 17, 2004)
(By Express Mail))
)
FOR: A MERCURY ADSORBENT COMPOSITION,)
PROCESS OF MAKING SAME AND METHOD)
OF SEPARATING MERCURY FROM FLUIDS)
)


Commissioner For Patents and Trademarks
P. O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. § 1.97(a), this Information Disclosure Statement is being filed concurrently with this

I hereby certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL NO. ER620454130US in an envelope addressed to:
Commissioner of Patents and Trademarks, P. O. Box 1450, Alexandria, Virginia 22313-1450, on March 17, 2004.

Date of Signing: March 17, 2004

Signature: 

Date of Mailing: March 17, 2004

United States Patent Application and includes copies of Prior Art which appear to be pertinent to the invention.

The filing of the Information Disclosure Statement, in accordance with Paragraph (a) of 37 C.F.R. § 1.97, should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

A Form PTO-1449 LIST OF PRIOR ART CITED BY APPLICANT comprising three (3) sheets is also herewith. Copies of the cited art are likewise included herewith.

ADDITIONAL FEES

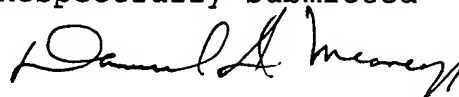
No additional fees are deemed due herein. However, if any fees are required for any reason, please charge the same to Deposit Account No. 13-2515.

REMARKS

None of the prior art described above anticipates, discloses, suggests or teaches the invention disclosed in the Specification and claimed herein.

The Examiner is respectfully requested to consider this prior art and to include the same as listed prior art in the United States Patent issuing hereon.

Respectfully submitted

A handwritten signature in black ink, appearing to read "Daniel J. Meaney, Jr.", written in a cursive style.

Daniel J. Meaney, Jr.

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Dated: March 17, 2004

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FORM PTO-1149
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

5644 413451/030

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT*(Use several sheets if necessary)*

APPLICANT BO WANG

FILING DATE

March 17, 2004

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GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6	3	2	6	3	2	6	12/04/01	Feng et al	502	62	
	AB	5	5	5	8	7	7	1	09/24/96	Hagen et al	210	500.25	
	AC	5	4	9	2	6	2	7	02/20/96	Hagen et al	210	651	
	AD	4	0	5	7	4	2	3	11/08/77	Kinoshita	75	109	
	AE	3	9	6	1	0	3	1	06/01/76	Yasui et al	423	210	
	AF	3	9	5	4	4	5	1	05/04/76	Kinoshita	75	108	
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL	2	1	2	2	4	1		1993	Japanese Kokai Patent Application No. Hei 5[1993]-212241				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	One-Step Synthesis of High Capacity Mesoporous Hg^{2+} Adsorbents by Non-ionic Surfactant Assembly, Pages 41 through 48, Brown, J; Richer R and Mercier, L; Microporous and Mesoporous Materials, 2000 (the "Brown et al Reference")											
	AN	A New Adsorbent for the Efficient Elimination of Heavy Metals from Industrial Dismissal of Tetouan Area, Mazouak A and Azami, A, Pages 1 through 6 (Attachments- Total 20 pages), Volume 4, International Journal of Environmental Studies, 2001 (the "Mazouak Reference")											
	AO	United Nations Environmental Programme, Chemicals, Global Mercury Assessment, Pages 1 -258, UNEP Chemicals, 2002											

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS

					CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BL							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BM	United State EPA Mercury Study Report to Congress, Volume I, through VIII, (Entire Volumes and Tables), United States EPA, 1997).
	BN	Kieselguhr Filtration: Overview of Theoretical Principles, Kiefer, J, Pages 300 through 309, Volume IV, Brauwelt International, 1991 (the "Kiefer Reference")
	BO	Mercury (II) Ion Adsorption Behavior in Thiol-Functionalized Mesoporous Silica Microspheres, Bibby, A and Mercier L., Pages 1591-1597, Volume 14, Chem. Matter, 2002

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

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	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS

					CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CL							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CM	Adsorption, Casey T. J, Pages 111-117, Unit Treatment Processes in Water and Wastewater Engineering, John Wiley & Sons, 1997.
	CN	Gas Guzzler, Franklin, Deborah, Pages 25, 26, SMITHSONIAN, February, 2004
	CO	

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